

IN THE CLAIMS:

Please amend claims 14, 22, 23, 37, 38, 46, and 47 and cancel claims 13, 16-20 and 40-44, without prejudice or disclaimer, as follows.

1. (Cancelled)
2. (Previously Presented) A method according to claim 14, wherein the mobile subscriber identification data comprises a mobile subscriber international integrated services digital network number mobile station international subscriber directory number.
3. (Previously Presented) A method according to claim 14, wherein in connection with the check, further comprising:

 sending a query to the home location register of the mobile communications system.
4. (Previously Presented) A method according to claim 3, wherein the mobile subscriber identification data comprises the mobile subscriber international integrated services digital network number, the method further comprising:

 searching for the international mobile subscriber identity international mobile subscriber identity corresponding to the mobile subscriber international integrated services digital network number with the query first the home location register of the mobile communications system; and

searching for the related subscriber data, where the access right is defined, with the international mobile subscriber identity the home location register of the mobile communications system.

5. (Previously Presented) A method according to claim 14, wherein the password is transmitted to the subscriber terminal in a packet-switched message.

6. (Previously Presented) A method according to claim 14, wherein the password is transmitted to the subscriber terminal in a short message.

7. (Previously Presented) A method according to claim 14, wherein the data transfer connection between the data transfer device and the service access point is a radio link.

8. (Previously Presented) A method according to claim 7, wherein the radio link is implemented using a wireless local area network.

9. (Previously Presented) A method according to claim 7, wherein the radio link is implemented using a short-range radio transceiver.

10. (Previously Presented) A method according to claim 14, wherein the data transfer connection between the data transfer device and the service access point is wired.

11. (Previously Presented) A method according to claim 14, wherein the method further comprises:

billing for the data transfer connection between the data transfer device and the service access point in a bill directed to the identification data of the mobile subscriber.

12. (Previously Presented) A method according to claim 14, wherein the data transfer connection initially set up between the data transfer device and the service access point is maintained until login.

13. Cancelled

14. (Currently Amended) ~~A method for authenticating a user of a data transfer device, comprising:~~

setting up a data transfer connection from the data transfer device to a service access point;

inputting identification data of a subscriber of a mobile communications system to the service access point;

checking from the mobile communications system whether the mobile subscriber identification data contains an access right to the service access point;

if a valid access right exists, generating a password, transmitting the password to a subscriber terminal corresponding to the mobile subscriber identification data, and logging in to the service access point from the data transfer device using the password transmitted to the subscriber terminal; and

transmitting a confirmation identifier from the service access point to the data transfer device over a data transfer connection and transmitting the same confirmation identifier to the subscriber terminal together with the password, the password being only used if the received confirmation identifiers are the same.

15. Cancelled

16-20 Cancelled

21. (Previously Presented) A method according to claim 14, wherein the method further comprises:

using the mobile subscriber identification data as a user identification in connection with login.

22. (Currently Amended) A method ~~for authenticating a user of a data transfer device~~, comprising:

setting up a data transfer connection from the data transfer device to a service access point;

inputting identification data of a subscriber of a mobile communications system to the service access point;

checking from the mobile communications system whether the mobile subscriber identification data contains an access right to the service access point;

if a valid access right exists, generating a password, transmitting the password to a subscriber terminal corresponding to the mobile subscriber identification data, and logging in to the service access point from the data transfer device using the password transmitted to the subscriber terminal; and

transmitting a user identification to the subscriber terminal corresponding to the mobile subscriber identification data and using the transmitted user identification in connection with login.

23. (Currently Amended) A method ~~for authenticating a user of a data transfer device~~, comprising:

setting up a data transfer connection from the data transfer device to a service access point;

inputting identification data of a subscriber of a mobile communications system to the service access point;

checking from the mobile communications system whether the mobile subscriber identification data contains an access right to the service access point;

if a valid access right exists, generating a password, transmitting the password to a subscriber terminal corresponding to the mobile subscriber identification data, and logging in to the service access point from the data transfer device using the password transmitted to the subscriber terminal; and

transmitting a user identification to the data transfer device over a data transfer connection and using the transmitted user identification in connection with login.

24. Cancelled

25. (Previously Presented) A system according to claim 38, wherein the identification data of the subscriber of the mobile communications system comprises the mobile subscriber international integrated services digital network.

26. (Previously Presented) A system according to claim 38, wherein the authentication server is an authentication, authorization, and accounting server.

27. (Previously Presented) A system according to claim 38, wherein for checking the access right to the service access point, the authentication server is configured to transmit a query to the home location register of the mobile communications system.

28. (Previously Presented) A system according to claim 27, wherein the identification data of the subscriber of the mobile communications system comprises the mobile subscriber international integrated services digital network number, and the authentication server is configured to submit the query to first search the home location register of the mobile communications system for the international mobile subscriber identity corresponding to the mobile subscriber international integrated services digital network number and then use the international mobile subscriber identity to search the home location register of the mobile communications system for the related subscriber data, where the access right is defined.

29. (Previously Presented) A system according to claim 38, wherein the authentication server is configured to transmit the password to the subscriber terminal in a packet-switched message.

30. (Previously Presented) A system according to claim 38, wherein the authentication server is configured to transmit the password to the subscriber terminal in a short message.

31. (Previously Presented) A system according to claim 38, wherein the first data transfer connection is a radio link.

32. (Previously Presented) A system according to claim 31, wherein the service access point is configured to implement the radio link using a wireless local area network.

33. (Previously Presented) A system according to claim 31, wherein the service access point comprises a short-range radio transceiver for implementing the radio link.

34. (Previously Presented) A system according to claim 38, wherein the first data transfer connection is wired.

35. (Previously Presented) A system according to claim 38, wherein the system further comprises an accounting server, which is configured to generate the billing data relating to the first data transfer connection and to transfer the data to the mobile communications system, in which the billing data are formed into a bill associated with the identification data of the subscriber of the mobile communications system.

36. (Previously Presented) A system according to claim 38, wherein the service access point is configured to maintain the first data transfer connection initially set up between the data transfer device and the service access point until login.

37. (Currently Amended) A system ~~configured to authenticate a user of a data transfer device~~, comprising:

a data transfer device;

a service access point ~~that can be~~ configured to be linked to the data transfer device over a first data transfer connection; and

an authentication server ~~linked~~ configured to be linked to the service access point over a second data transfer connection,

wherein

the service access point is configured to receive over the first data transmission connection identification data of a subscriber of a mobile communications system inputted from the data transfer device and to transmit the mobile subscriber identification data to the authentication server over the second data transfer connection,

the authentication server is configured to check from the mobile communications system over a third data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists, to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system,

the data transfer device is configured to use the password transmitted to the subscriber terminal in connection with login to the service access point, and

the authentication server is configured to transmit a second password from the service access point to the data transfer device over the first data transfer connection and the data transfer device is configured to also use the second password in connection with login.

38. (Currently Amended) ~~A system configured to authenticate a user of a data transfer device, comprising:~~

a data transfer device;

a service access point ~~that can be linked~~ configured to be linked to the data transfer device over a first data transfer connection; and

an authentication server ~~linked~~ configured to be linked to the service access point over a second data transfer connection,

wherein

the service access point is configured to receive over the first data transmission connection identification data of a subscriber of a mobile communications system inputted from the data transfer device and to transmit the mobile subscriber identification data to the authentication server over the second data transfer connection,

the authentication server is configured to check from the mobile communications system over a third data transfer connection whether the mobile subscriber identification

data contains an access right to the service access point and, if a valid access right exists, to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system,

the data transfer device is configured to use the password transmitted to the subscriber terminal in connection with login to the service access point, and

the authentication server is configured to transmit a confirmation identifier via the service access point to the data transfer device over the first data transfer connection and to transmit the same confirmation identifier to the subscriber terminal together with the password.

39. Cancelled

40-44 Cancelled

45. (Previously Presented) A system according to claim 38, wherein the data transfer device is configured to use the mobile subscriber identification data as the password to log in to the service access point.

46. (Currently Amended) ~~A system configured to authenticate a user of a data transfer device, comprising:~~

a data transfer device;

a service access point ~~that can be linked~~ configured to be linked to the data transfer device over a first data transfer connection; and

an authentication server ~~linked~~ configured to be linked to the service access point over a second data transfer connection,

wherein

the service access point is configured to receive over the first data transmission connection identification data of a subscriber of a mobile communications system inputted from the data transfer device and to transmit the mobile subscriber identification data to the authentication server over the second data transfer connection,

the authentication server is configured to check from the mobile communications system over a third data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists, to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system,

the data transfer device is configured to use the password transmitted to the subscriber terminal in connection with login to the service access point, and

the authentication server is configured to transmit a user identification to the subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system and the data transfer device is configured to use the user identification transmitted to the subscriber terminal in connection with login to the service access point.

47. (Currently Amended) A system ~~configured to authenticate a user of a data transfer device~~, comprising:

a data transfer device;

a service access point ~~that can be~~ configured to be linked to the data transfer device over a first data transfer connection; and

an authentication server configured to be linked to the service access point over a second data transfer connection,

wherein

the service access point is configured to receive over the first data transmission connection identification data of a subscriber of a mobile communications system inputted from the data transfer device and to transmit the mobile subscriber identification data to the authentication server over the second data transfer connection,

the authentication server is configured to check from the mobile communications system over a third data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists, to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system,

the data transfer device is configured to use the password transmitted to the subscriber terminal in connection with login to the service access point, and

the authentication server is configured to transmit the user identification via the service access point to the data transfer device over the first data transfer connection and the data transfer device is configured to use the user identification transmitted to the data transfer device in connection with login to the service access point.

48. (New) A method, comprising:

receiving, over a second data transmission connection, mobile subscriber identification data of a subscriber of a mobile communications system from a service access point, wherein the service access point receives the identification data of the subscriber over a first data transmission connection from a data transfer device;

checking, over a third data transmission connection, from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

generating a password and transmitting the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point; and

transmitting a second password from the service access point to the data transfer device over the first data transfer connection, wherein the data transfer device is configured to also use the second password in connection with login.

49. (New) A method, comprising:

receiving mobile subscriber identification data of a subscriber of a mobile communications system from a service access point;

checking from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point;

if a valid access right exists, generating a password and transmitting the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point;

transmitting a confirmation identifier via the service access point to the data transfer device; and

transmitting the same confirmation identifier to the subscriber terminal together with the password.

50. (New) A method, comprising:

receiving mobile subscriber identification data of a subscriber of a mobile communications system from a service access point;

checking from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

generating a password and transmitting the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point; and

transmitting a user identification to the subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the user identification is also used in connection with login to the service access point.

51. (New) A method, comprising:

receiving mobile subscriber identification data of a subscriber of a mobile communications system from a service access point;

checking from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

generating a password and transmitting the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point; and

transmitting a user identification via the service access point to the data transfer device, wherein the user identification is also used in connection with login to the service access point.

52. (New) An apparatus, comprising:

a receiver configured to receive over a second data transmission connection mobile subscriber identification data of a subscriber of a mobile communications system from a service access point, wherein the service access point receives the identification data of the subscriber over a first data transmission connection from a data transfer device;

a checker configured to check over a third data transmission connection from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

a generator configured to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point, and

a transmitter configured to transmit a second password from the service access point to the data transfer device over the first data transfer connection, wherein the data transfer device is configured to also use the second password in connection with login.

53. (New) An apparatus, comprising:

a receiver configured to receive mobile subscriber identification data of a subscriber of a mobile communications system from a service access point;

a checker configured to check from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

a generator configured to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point; and

a transmitter configured to transmit a confirmation identifier via the service access point to the data transfer device and to transmit the same confirmation identifier to the subscriber terminal together with the password.

54. (New) An apparatus, comprising:

a receiver configured to receive mobile subscriber identification data of a subscriber of a mobile communications system from a service access point;

a checker configured to check from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

a generator configured to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point; and

a transmitter configured to transmit a user identification to the subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the data transfer device is configured to also use the user identification in connection with login to the service access point.

55. (New) An apparatus, comprising:

a receiver configured to receive mobile subscriber identification data of a subscriber of a mobile communications system from a service access point;

a checker configured to check from the mobile communications system over a data transfer connection whether the mobile subscriber identification data contains an access right to the service access point and, if a valid access right exists;

a generator configured to generate a password and transmit the password to a subscriber terminal corresponding to the identification data of the subscriber of the mobile communications system, wherein the password transmitted to the subscriber terminal is used by a data transfer device in connection with login to the service access point; and

a transmitter configured to transmit a user identification via the service access point to the data transfer device, wherein the data transfer device is configured to use the user identification transmitted in connection with login to the service access point.